

BRUSENTOV, N.P.; ZHOGOLEV, Ye.A.; VERIGIN, V.V.; MASLOV, S.P.; TISHULINA,
A. M.

Small-size automatic digital computer "Setun'." Vest. Mosk. un.
Ser. 1: Mat., mekh. 17 no.4:3-12 J1-Ag '62. (MIRA 15:7)
(Electronic digital computers)

ZHOGELEV, Yevgeniy Andreyevich; TRIFONOV, Nikolay Pavlovich;
BEZBORODOV, Yu.M., red.

[A course in programming] Kurs programmirovaniia. Moskva,
Izd-vo "Nauka," 1964. 386 p. (MIRA 17:8)

L 3457-66 EWT(d)/T/ENP(1) LJP(c) BB/GG

ACCESSION NR: AP5020295

UR/0208/65/005/004/0689/0698
51:681.14

AUTHOR: Zhogolev, Ye. A. (Moscow)

TITLE: An algorithm of idea separation with the aid of a syntax table

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 4, 1965, 689-698

TOPIC TAGS: data processing, computer, computer compiler, ALGOL language, programming language

ABSTRACT: Some aspects of source-to-machine code translation are discussed. Emphasis is placed upon the ability to create a compact translator according to principles of compiling similar to those used with the ALGOL-60 language. The algorithmic language consists of a set of basic symbols (alphabet), a system of rules for composing meaningful units of the language from these symbols (syntax), and rules for interpreting these units (semantics). The structure of a translator is characterized by: a) the syntax of a language is contained in a special syntax table, b) the semantics of a language is contained in a subprogram library such that for each syntactical unit of the language (metavariable), there corresponds a semantics subprogram, and c) the functioning of the translator is governed by a

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ACCESSION NR: AP5020295

control program which separates ideas according to the stored syntax-semantics tables. The nature of a syntax table is described along with examples of recursive and nonrecursive metalinguistic formulae. The generation of syntax units by means of syntax tables is demonstrated. Although ALGOL-60 is the prototype syntax-oriented language, the algorithm may be applied to any language wherein each metavariable is syntactically defined in the form of a Beckus metalinguistic formula and wherein certain other restrictions are observed. An algorithm meeting the stated requirements is described and demonstrated by means of an example. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 16Dec64

ENCL: 00

SUB CODE: DP

NO REF SOV: 004

OTHER: 000

BVP
Card 2/2

ZHOGOLEV, Yevgeniy Savel'yevich; VOLOSHIN, Vasilii Ivanovich; KHUVES, E.S., inzh. redakter; KHIVIAKIN, B.I., redakter; GOLUBKOVA, L.A., tekhnicheskii redakter.

[Repairing transportation equipment at procurement points] Remont transportnogo obozrudovaniia na zagotovitel'nom punkte. Pod red. E.S. Khuvés. Moskva, Izd-vo tekhnicheskoi i ékonomicheskoi lit-ry po voprosam zagotovki, 1955. 135 p. (MIRA 9-5)

(Agricultural machinery--Repairing)

ZHOGOLEV, Ye. S., Cand Tech Sci -- (diss) "Investigation of the process of unloading grain from covered railroad cars by a dragging method." Moscow, 1960. 16 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Technological Inst of the Food Industry); 150 copies; price not given; (KL, 18-60, 151)

ZHOGOLEV, Ye. S., Cand. Tech. Sci. (diss) "Summary Report of Engineer Ye. S. Zhogolev on Inventions and Published Works on Creation of New Original Machines Used at Grain Collection Points..", Moscow, 1961, 28 pp. (Moscow Tech. Inst. of Food Indus.) 150 copies (KL Supp 12-61, 267).

ZHOGOLEVA, N.A., aspirant

Improving the use of operating capital is an important
potential for increasing the rate of construction. Trudy
MIEI no.15:458-466 '61. (MIRA 14:12)

1. Moskovskiy inzhenerno-ekonomicheskiy institut.
(Construction Industry-Finance)

ZHOGOLEVA, V.G.; SHIMAN, L.M.

Effect of temperature on the time of flowering of some lilac varieties. Biul. Glav. bot. sada. no.49:47-49 '63.

(MIRA 16:8)

1. TSentral'nyy botanicheskiy sad AN UkrSSR, Kiyev.
(Lilacs--Varieties) (Plants, Flowering of)
(Plants, Effect of temperature on)

LOKSHINA, E.S.; ZHOGOLEVA, V.K.

Some physiological data in transcerebral galvanization with a
cathode current in disorders of cerebral blood circulation.
Trudy Inst. im. N.V. Sklif. 5 no.2:161-167 '62.

Use of transcerebral galvanization with an r pde current in
disorders of cerebral circulation. Ibid.:118,173

(MIRA 16:6)

ZHOGOT, V.D.; ORNATSKIY, P.P.; SUVID, N.F.

Low-cosine wattmeters for the sonic frequency range. Nov. nauch.-
issl. rab. po metr. VNIIM no.6:12-13 '64. (MIRA 18:3)

ZHOGOV, M.V., inzhener.

Superiority of asbestos cement joints for cast-iron water pipes. Gor.khoz.
Mosk. 27 no.8:34-35 Ag '53. (MLDA 6:8)

(Water pipes) (Asbestos cement)

ZHDGOVA, L.I.

Universal loader. Biul.tekh.-ekon.inform. no.6:65-66 '58.

(MIRA 11:8)

(Agricultural machinery)

ZHOGOVA, M.A.

Diagnostic value of rectoromanoscopy in dysentery. Zhur.mikrobiol.
epid. i immun. no.1:64-68 Ja '58. (MIRA 11:4)

1. Iz kafedry epidemiologii i Moskovskogo ordena Lenina meditsinskogo
instituta imeni Sechenova.

(DYSENTERY, BACILLARY, diagnosis,
recto-manoscopy (Rus)

ZHOGOVA, M.A.; FORTUNATOVA, N.G.

Data for the evaluation of the effectiveness of antiinfluenza vaccination. Zhur.mikrobiol. epid. i immun. 32 no.4:88-92 Ap '61.
(MIRA 14:6)

1. Iz kafedry infektsionnykh bolezney Kalinskogo meditsinskogo instituta i 4-y gorodskoy bol'nitsy goroda Kalinina.
(INFLUENZA)

ZHOGOVA, M.A.; PANTELEYEVA, T.B.

Effectiveness of specific pertussis prevention in an urban district.
Zhur. mikrobiol., epid. i immun. 40 no.9:22-26 S'63.

(MIRA 17:5)

1. Iz I Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

M.A.
ZHOGOVA, ~~MA.~~, Cand Med Sci -- (diss) "*Experience in* ~~attempt~~ studying the
effectiveness of antidiysenteric measures in the medical *district* ~~section~~."
Mos, 1958, 13 pp (First Mos Order Lenin Med Inst im I.M. Sechenov)
200 copies (KL, 27-48, 117)

- 202 -

USSR / Microbiology. Human and Animal Pathogens.
Bacteria of Intestinal Group.

F

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5581.

Author : Zhogova, M. A.

Inst : Not given.

Title : On the Diagnostic Value of Proctomanoscopy
in Dysentery.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiol., 1958,
No 1, 64-68.

Abstract: No abstract.

Card 1/1

PANTELEYEVA, T.B.; ZHOGOVA, M.A.

Epidemiological characteristics of whooping cough in an urban district during mass vaccinations. Zhur. mikrobiol., epid. i immun. 41 no.4:30-34 Ap '64. (MIRA 18:4)

1. I Moskovskiy ordena Lenina meditsinskiy institut imeni Sechenova.

BELIKOVA-ALDAKOVA, V.D.; DODONOV, I.N.; ZHERIKOVA, A.D.; ZHOGOVA, M.A.;
KLIMENKO, Ye.P.; LEUTOVA, K.Z.; MITROFANOVA, Ye.B.; PANTELEYEVA, T.B.;
SOLOV'YEVA, N.A.

Results of smallpox vaccination in various age groups. Zhur.
mikrobiol. epid. i immun. 31 no. 10:28-32 0 '60. (MIRA 13:12)

1. Iz kafedry epidemiologii I Moskovskogo ordena Lenina
meditsinskogo instituta imeni Sechenova.
(SMALLPOX)

ZHOGOVA, M.A.

Role of convalescents in the epidemiology of dysentery. Zhur.
mikrobiol. epid. i immun. 29 no.5:100-105 My '58 (MIRA 11:6)

1. Iz kafedry epidemiologii i Moskovskogo meditsinskogo instituta
imeni Sechenova.

(DYSENTERY, BACILLARY, transmission,
by convalescents (Rus))

EXCERPTA MEDICA Sec 1⁴ Vol 13/7 Radiology July 59

1285. SOME DATA ON THE EFFECT OF RADIOACTIVE STRONTIUM ON THE PROCESSES OF SELF-DECONTAMINATION OF WATER RESERVOIRS (Russian text) - Zhogova V. M. - Moscow - MED. RADIOL. 1957, 2/6 (69-72)

Results are reported of investigations carried out under laboratory conditions and aimed at discovering the effect of various concentrations of radioactive strontium on the processes of self-purification of water reservoirs from organic contaminants. To wide glass vessels with water polluted with sewage, radioactive strontium (Sr^{90}) was added in different concentrations. The following determinations were carried out daily over a period of 10-11 days: (1) total number of colonies in 1 ml. water; (2) B. coli titre; (3) pH; (4) five-day biological oxygen requirement; (5) amount of ammonia nitrogen; (6) nitrites; (7) nitrates. It was found that the presence of Sr^{89} and Sr^{90} in water in concentrations not exceeding the order of 10^{-3} c./l. exerted no inhibitory effect on the water microflora and on mineralization of organic substances. Sr^{90} in concentrations down to 10^{-3} c./l. did not affect the multiplication of B. coli in synthetic medium at 37° , but inhibited its multiplication to some extent during the first 4 hr. when the concentration was 10^{-2} c./l. Sr^{90} concentration down to 10^{-2} c./l. had no negative influence on the viability of B. coli in physiological solution at room temperature. Concentrations of 1.3×10^{-1} c./l. caused more rapid death of B. coli (75-80% during the first 24 hr.), but even at such high concentrations of Sr^{90} 3-5% of the bacilli remain resistant to radiation. Concentrations of Sr^{90} which may gain access to water and sediment in open water reservoirs by way of sewage and waste water will not exert an inhibitory effect on the microflora present in the water and on processes of self-purification. References 11.

Lisitsyna - Moscow (S)

ZHOGOVA, V.M.

Effect of radioactive substances on the survival and properties of
typhoid fever bacilli. Zhur. mikrobiol., epid. i immun. 40 no. 8;
71-76 Ag '63. (MIRA 17:9)

ZHOGOVA, V.M.

Effect of various concentrations of and isotopes on a suspension
of Escherichia coli in a physiological saline solution. Fig. 1 san.
23 no.12:80 D '58. (MIRA 12:1)

(ESCHERICHIA COLI) (RADIATION--PHYSIOLOGICAL EFFECT)

ZhOGOVA, V.M., Cand Med Sci — Diss "Experimental data on the effect of radioactive substances on the microflora in water and on the mineralization processes of organic impurities," Moscow, 1960, 16 pp (Academy of Medical Sciences USSR) (KL, 37-60, 122)

ZHOGOVA, V.M.

Accumulation of strontium-90 by bacterial cells. Gig. i san. 26 no.4:
5-9 Ap '61. (MIRA 15:5)

(STRONTIUM--ISOTOPES)

(BACTERIA)

L 10961-66 ENT(1)/ENA(1)/ENT(1)/ENA(1) 115
ACC NR: AP5028389 SOURCE CODE: UR/0016/65/000/009/0011/0014

AUTHOR: Zhogova, V.M.

ORG: None

TITLE: Effect of radiostrontium on the virulence of paratyphoid bacteria

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 9, 1965, 11-14

TOPIC TAGS: strontium, radio strontium, radiobiology, radiation biologic effect

ABSTRACT: In this article the author attempts to explain the problem of the possible changes in the virulence of bacteria when exposed to radioactive substances. The study was carried out with *Shigella flexneri* No. 3390 with strontium-90 as the radioactive substance. The results show that the virulence of the bacteria is decreased when exposed to a constant and

by peroral infection of mice, the author found

UDC: 576.851.49.097.31:546.42.02.30

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ACC NR. AP5028389

in contact with strontium-90 for a long time, which was apparently due to a change of their invasiveness. Not in a single experiment did the presence of radiostrontium in the medium lead to an increase in the virulence of paratyphoid bacteria.

SUB CODE: 00 / SUBM DATE: 30Mar64

CC
Card 2/2

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064910002

ZHOGOVA, Valentina Mikhaylovna; NOVIKOV, Yu.V., red.

[Problems of radiation microbiology in the sanitary
protection of waters] Voprosy radiatsionnoi mikrobiologii
v sanitarnoi okhrane vodoemov. Moskva, Meditsina, 1964.
156 p. (MIRA 17:5)

ACC NR: AP6025810

(A, N)

SOURCE CODE: UR/0326/66/013/004/0705/0711

AUTHOR: Bokarev, K. S.; Kapelyushnikova, L. M.; Basova, G. I.; Zhogova, Ye. P.

ORG: Institute of Plant Physiology im. K. A. Timiryazev, Academy of Sciences, SSSR, Moscow (Institut fiziologii rasteniy Akademii nauk SSSR)

TITLE: Plant growth regulators 2,4-dichlorophenol and 2,4,5-trichlorophenol alkyl ethers

SOURCE: Fiziologiya rasteniy, v. 13, no. 4, 1966, 705-711

TOPIC TAGS: plant growth regulator, defoliant, herbicide, herbicide effect, dichlorophenol alkyl ether, trichlorophenol alkyl ether, defoliant agent, plant chemistry

ABSTRACT:

Research has shown that substances which lower auxin and SH group activity should inhibit growth and induce defoliation of potato plants. The heavy metal ions, mainly those of mercury, form insoluble mercaptides with SH groups. Other inhibitors, e.g., ethylene, suppress the thiol group of proteins. It is known that ethylene and synthetic defoliants suppress the activity of the thiol group in leaf extracts.

A separation layer in the petioles accompanies a decrease in the auxin content and an increased ethylene content in the leaves. Auxin and ethylene exist in an antagonistic state. Treating the leaves with heteroauxin helps retain leaves, while placing plants in an

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UDC: 581.143+632.954

ACC NR: AP6025810

ethylene atmosphere hastens defoliation. This article reports the results of an investigation of compounds with antiauxinic characteristics, alkyl ethers of substituted phenols. According to Muir, et. al., these compounds derive their defoliant activity by their "two-point" reaction with plant protein in such a way that the carboxyl group of the regulator combines with the nitrogen-containing basic group of the substrate, while the free ortho-position of the aromatic nucleus of the substituted phenylacetic acid reacts with the thiol groups of the cysteine part of the protein as shown in Figure 1. If the ortho-position is occupied, then the SH-group can react with the para-position of the aromatic nucleus. Substances which do not satisfy at least one of the requirements of an active molecule (do not have carboxyl groups or free ortho-positions) act on the plant as an anti-auxin. The substances selected for study (esters of 2,4-dichlorophenol and 2,4,5-trichlorophenol have an unsubstituted ortho-position and no carboxyl groups and should possess antiauxin properties. The simplest of these ethers—2,4-dichloroanisole (methyl 2,4-dichlorophenyl ether) and 2,4,5-trichloroanisole (methyl 2,4,5-trichlorophenyl ether) can be represented as products of the decarboxylation of 2,4-D and 2,4,5-T as in Figure 2. The reaction of 2,4-D with thiol groups of cysteine

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ACC NR: AP6025810

is nonenzymatic and its mechanism is little known. Certain ethers of 2,4-D and 2,4,5-T stimulate flowering in pineapple plants. Compounds such as 3-chloropropyl 2,4-dichlorophenyl ether, patented as an anti-sprouting agent for potatoes, alkyl 2,4,5-trichlorophenyl and alkyl-2,4-dichlorophenyl ethers except for 2,4-E and 2,4,5-T were obtained by heating the corresponding alkyl halides with an alcoholic solution of potassium 2,4,5-trichlorophenoxide or potassium 2,4-D in ethylene glycol. The properties of the ethers are shown in tables 1-4. Results of the determination of herbicidal activity is shown in Table 5. Methyl, ethyl, n-propyl, isopropyl, n-butyl and isobutyl ethers of 2,4,5-trichlorophenol inhibit sprouting in potatoes, while 2,4-D had little or no effect on potatoes but varying results were obtained when it was tested on other plants.

SUB CODE: 06/ SUBM DATE: 07Jun65/ ORIG REF: 008/ OTH REF:
[WA-50; CBE No. 11]

Card 3/3

SHAPIRO, M.D., kand.tekhn.nauk; ZHOKH, M.P., kand.tekhn.nauk

Corrosion of stills at the tar-rectification sections of by-product
coking plants produced by salts of organic bases. Koks i Khim. no.11:
54-56 '60. (MIRA 13:11)

1. Dnepropetrovskiy khimiko-tekhnologicheskii institut.
(Distillation apparatus—Corrosion)
(Coal tar)

ZHOKH, M.P., inzh.

Transistor photorelay. Priborostroenie no.6:29-30 Je '61.
(MIRA 14:6)

(Electric relays)
(Photoelectric measurements)

SHAPIRO, M.D.; ZHOKH, M.P.

Reducing the corrosion of benzene columns in coke-chemical plants. Koks i khim, no.4:37-39 '62. (MIRA 16:8)

1. Dnepropetrovskiy khimiko-tehnologicheskii inrtitut.
(Distillation apparatus—Corrosion)

ZHOKH, M.P.

Device for the automatic proportioning of highly viscous bases.
Lakokras.mat. i ikh prim. no.2:70-71 '63. (MIRA 16:4)
(Proportioning equipment)

ZHOKH, V.P.

Controlling the operation of the SMT-34 sender apparatus. Avtom.telen.i
svyaz' no.8:35 Ag '57. (MLRA 10:8)

1.Starshiy inzhener laboratorii signalizatsii i svyazi Stalinskoy
dorogi.

(Railroads--Signaling)

ZHOKH, V.P.; NABEREZHNYI, N.M., elektromekhanik

Special features in the operation of a duplex amplifier with
a coil loaded cable. Avtom. telem. i svyaz' 8 no.2:31-32
F '64. (MIRA 17:6)

1. Nachal'nik laboratorii signalizatsii i svyazi Pridneprovskoy
dorogi (for Zhokh). 2. Laboratoriya signalizatsii i svyazi Prid-
neprovskoy dorogi (for Naberezhnyy).

ZHOKH, V.P.; LESNYAK, N.A., tekhnik

Voice-frequency dialing in V-3 channels. Avtom. telem. i svyaz'
8 no. 3:38-39 Mr '64. (MIRA 17:5)

1. Nachal'nik laboratorii signalizatsii i svyazi Pridneprovskoy
dorogi (for Zhokh). 2. Laboratoriya signalizatsii i svyazi
Pridneprovskoy dorogi (for Lesnyak).

ZHOKH, V.P.

Increase in the quality of the performance of OKS apparatus
transmitting telephone communications. Avtom., telem. i svyaz'
6 no.6:37-38 Je '62. (MIRA 15:7)

1. Nachal'nik laboratorii signalizatsii i svyazi Pridneprovskoy
dorogi.

(Railroads--Electronic equipment)

ZHOKH, V.P.

Balancing input communication cables. Avtom.telem i svyaz' 4 no.11:
29-31 N '60. (MIRA 13:11)

1. Starshiy inzhener laboratorii signalizatsii i svyazi Stalinskoy
dorogi.

(Railroads--Communication systems)

ZHOKH, V.P.; FEDULOV, Ye.A.

Increasing the reliability of communication apparatus. Avtom., telem.
: **svyaz'** 9 no.9:23-26 8 '65. (MIRA 18:9)

1. Nachal'nik laboratorii signalizatsii i svyazi Pridneprovskoy
dorogi (for Zhokh). 2. Nachal'nik otдела svyazi Pridneprovskoy
dorogi (for Fedulov).

ZHOKHOV, A.

Story of a gift to V.I.Lenin. Mest.prom.i khud.promys. 3 no.4:3
Ap '62. (MIRA 15:5)

(Vologda Province--Lace and lace making)

ZHOKHOV, A.A.

Improving the planning and construction of school buildings. Gor.khoz.
Mosk. 28 no.5:3-5 My '54. (MLBA 7:6)

1. Zamestitel' zaveduyushchego Moskovskim gorodskim otделom narodnogo
obrazovaniya. (Moscow--Schoolhouses) (Schoolhouses--Moscow)

ZHOKHOV, A. A.

Moscow - Schools

Immediate objectives in Moscow school construction. Gor. khoz. Mosk. 26
No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

ZHOKHOV, A.A.; KIRIKOV, N.V.

Public education in Moscow during the years of Soviet rule.
Gor.khoz.Mosk. 31 no.10:40-43 0 '57. (MIRA 10:10)

1. Zamestitel' zaveduyushchego Moskovskim gorodskim otделom
narodnogo obrazovaniya (for Zhokhov). 2 Zaslushennyy uchitel' RSFSR,
direktor shkoly No.201 imeni Geroev Sovetskogo Soyusa Zoi i
Aleksandra Kosmodem'yanskikh.
(Moscow--Education)

ZHOKHOV, A.A., zamestitel' zaveduyushchego.

Parks for young Moscow residents. Gor.khoz.Mosk. 27 no.7:15-16 J1 '53.
(KILRA 6:7)

1. Moskovskiy gorodskoy otдел narodnogo obrazovaniya.
(Moscow--Parks) (Parks--Moscow)

ZHOKHOV, A.M., inzh.

The D-453 boring and pole-setting machine. Strel. 1 dor. mashinostr.
4 no.1:26-27 Ja '59. (MIRA 12:1)
(Boring machinery)

ZHOKHGV, A.M., inzh.

The new D-457A scraper. Stroi. i dor. mash. 6 no.5:12-13 My '61.
(MIRA 14:6)

(Scrapers)

ZHOKHOV, A.N.

Producing staple fabrics on automatic looms. Tekst.prom. 17
no.12:38-39 D '57. (MIRA 11:1)

1.7.veduyushchiy tkatskim proizvodstvom Leshnevskoy fabriki.
(Looms) (Cotton fabrics)

KOLDOBSKIY, S.V.; SLOVINSKIY, N.A.; ANTONOV, Ye.A.; ARZHAYEV, I.S.;
ZHOKHOV, B.I.

Main highway of friendship. Avt.dcr. 28 no.8:14-18 Ag '65.
(MIRA 18:11)

23

Changes of sulfite cellulose by bleaching on the rolls. D. ZHUKHOV AND M. MAKOVETSKAYA. *Bumazhnyy Prom.* 10, No. 2, 63-7 (1961). This investigation of bleaching sulfite pulp with $\text{Ca}(\text{ClO})_2$ on concrete rolls leads to the following conclusions: The bleaching process shows 2 stages: (1) rapid sepn. of the residue of lignin, and (2) completion of the bleaching with oxidation of resinous matter, fats and hydrocarbons of non-ligneous origin. An increase of temp. of the bleaching mass tends to destruction of the cellular tissue. The content of fats and gum in the technical pulp is little affected by washing. The free the pulp is from the decompn. products the less it is not in dil. alkalis (cold satd. $\text{Ba}(\text{OH})_2$ and 17.5% NaOH). Thus the bleaching process should be carried out in 2 sep. stages. In the 1st stage the bleaching is rapid and intensive without danger of destroying the cellulose fiber until the lustr is oxidized and part of the hemicellulose is dissolved. After a thorough washing, the 2nd stage of bleaching should be mild.

CHAS. BLANC

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

157 AND 160 CODES

PROCESSING AND DECLASSIFICATION

7

CA

A rapid method for the determination of moisture (in dielectric substances). D. N. Zhokhovskiy - *Bumazhnyye Prom.* 10.9, No. 4, 47-8; *Khim. Referat. Zhur.* 1930, No. 8, 63; cf. C. A. 34, 18407. The construction of an app. for measuring dielec. coeffs. is described. This app. can be used successfully for rapid detns. of the moisture contents in paper pulp. W. R. Henn

COMMON ELEMENTS

RIGHT SIDE

LEFT SIDE

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

157 AND 160 CODES

157 AND 160 CODES

ca

Rapid determination of (pulp) concentrations. By N. Zhokhov. *Bumeshkaya Prem.* 17, No. 10, 31-7(1970).
A discussion, with math. treatment, of the detn. of pulp in aq. suspensions, based on the action of pulp by centrifuging. Illustrations are given. Chas. Blaw

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ZHOKHOV, D.N.

Quality of rosin. Bum. prom. 33 no.9:18-19 S '58.

(MIRA 11:10)

1. Solikamskiy tsellyulozno-bumazhnyy kombinat.
(Gums and resins)

ZHOKHOV, D. N.

Zhokhov, D. N., "Switching Diagrams of Shunting Regulators of Pulp Concentration," *Bumazhnaya promyshlennost'* [*Paper Industry*], 1953, No 3, Pages 23-26, 4 figures.

ZHOKHOV, D. N.

Paper Industry

Scheme for closing shunt regulators of pulp concentration.
Bum. profm. 28 no. 3. 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

L 3929-56 INT(1)/TPA(1)-2/EST(m)/EPR(c)/ETC/EPR(c)-2/ENG(m)/EWP(t)/EAP(h) IJP(c)

ACCESSION NO:

Kozlov, A. P.; Shneydman, A. A.

TITLE: Heat transfer from boiling alkaline metal

SOURCE: Atomnaya energiya, v. 19, no. 2, 1965, 191-193

TO-IC TAGS: sodium, potassium, heat transfer, convective heat transfer, heat transfer coefficient, liquid metal cooled reactor

ABSTRACT: The authors summarize the results of a large research program, dating back to 1956, on boiling sodium and potassium under a variety of conditions. The experiments on boiling sodium were made at heat loads of 10^4 to 10^5 kcal/m²·m with the pressure and saturation temperatures in the ranges 0.04—1.25 atm and 697—905°C. The experiments with potassium were made at heat loads of 10^4 to 10^5 kcal/m²·m at pressures 0.04, 0.4, 0.75, and 1.5 atm at heat loads of 10^4 to 10^5 kcal/m²·m. The effect of pressure on the heat transfer was not investigated in great detail in the case of sodium, but the results show a slight tendency for the heat transfer coefficient to increase with increasing pressure. potassium, the pressure

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L 40381-66 EWT(1)/EWT(m)/EWP(C)/ETI 100-1
 ACC NR: AP6024544 SOURCE CODE: UR/0089/66/021/001/0058/0059 73
 AUTHOR: Borishanskiy, V. M.; Andreyevskiy, A. A.; Zhokhov, K. A.; 72
 Bykov, G. S.; Svetlova, L. S. B
 ORG: none
 TITLE: Heat transfer during the boiling of potassium in a tube in the
 region of moderate vapor content
 SOURCE: Atomnaya energiya, v. 21, no. 1, 1966, 58-59
 TOPIC TAGS: potassium, boiling, heat transfer, liquid metal, ~~two~~
~~phase flow~~ *dimensional flow*
 ABSTRACT: The results of an investigation of heat transfer during the
 boiling of potassium in round tubes 10 mm in diameter and 600 and
 800 mm long are described. The tube wall temperature was measured at
 10 positions along the test section. The potassium temperature was
 measured at the inlet into the test section, at distances of 30, 90,
 and 210 mm from the inlet, and 30 mm from the exit. The experiment
 was conducted in the range of saturation pressure $p_s = 0.42-3.38$ atma
 ($t_s = 678-910^\circ\text{C}$) at heat loads of up to $53,000 \text{ kcal/m}^2\cdot\text{hr}$. The vapor
 content at the inlet reached ~15% by weight. The investigation shows
 that the temperature head and the heat transfer coefficient along the
 length of the test section are almost constant. It was noted during
 UDC: 621.039.517.5
 Card 1/2

L 40381-66

ACC NR: AP6024544

the experiment that when subcooled liquid metal was fed into the test section, superheating (30—50C) of the potassium takes place. Then, the temperature dropped sharply to about the saturation temperature. This process was accompanied by significant fluctuations in the wall and vapor-liquid media temperatures along the whole length of the test section. The maximum amplitude of temperature fluctuation reached *20C. The following formula previously obtained for pool boiling can be used to calculate heat transfer for potassium boiling in a tube:

$$\alpha = 3q^{0.7}p^{0.15},$$

where α is the heat transfer coefficient in kcal/m².hr.°C; q , heat load in kcal/m².hr; and p is pressure in atma. Orig. art. has: 4 figures and 1 formula. [AV]

SUB CODE: ~~25-10~~ 11,20/ SUBM DATE: 018Feb66/ ORIG REF: 004/ OTH REF: 003/

ATD PRESS: 5053

Card 2/2 MLP

ZHOKHOV, Mikhail

Herbarium of Mikhail Vasil'evich Frunze. IUn.nat. no.2:20-21
F '60. (MIRA 13:5)

(Leningras--Herbaria)

(Tien Shan--Botany)

(Frunze, Mikhail Vasil'evich, 1885-1925)

ZHOKHOV, M.

Engineer Liubov' Zhukova. Prem.koup.no.3:27-28 Nr 156(MIRA 9:7)
(Zhukova, Liubov' Pavlovna)

ZHOKHOV, N., bukhgalter

Thanks to Boris Zholobov! IUn, nat. no. 4:23 Ap '61.

(MIRA 14:3)

1. Kolkhoz "Dobrovolets".

(Pioneers (Communist youth))

1. ZHOKHCV, P.
2. USSR (600)
4. Petrov, Mikhail Platonovich, 1906-
7. Reclamation of sands of deserts and semi-deserts by agriculture and forestry in the U. S. S. R.; bibliography of literature in Russian, 1768-1950." M. P. Petrov. Reviewed by P. Zhokhcv, Les khoz. 5 no. 11. '52.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

ZHOKHOV, P.I., inzh.; PERN, G.V., inzh.; DAVIDOVICH, Ye.M., inzh.; GABINOVA,
Sh.L., vrach; VASIL'YEVA, A.A., vrach; POPOV, B.V., vrach

Effect of smog in the air on landscape plantings. Gor.khoz.Mosk.
35 no.5:19-21 My '61. (MIRA 14:6)
(Moscow—Smog)

~~ZHOKHOV, R. I.~~

Edible mushroom growing on Mongolian oak. Priroda 45 no.11:111
N '56. (MLRA 9:11)

1. 5-ya Moskovskaya aerofotolesoustroitel'naya ekspeditsiya
"Lesoprojekt."
(China--Mushrooms)

1. ZHOKHOV, P. I.
2. USSR (600)
4. Main Turkmen Canal Region - Afforestation
7. Establishing shelterbelts in the zone of the Main Turkmen Canal, Priroda, 42, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

COUNTRY : USSR
 CATEGORY : Forestry. General.
 IS. JOUR. : RZhBiol., No. 14 1959, No. 63170
 AUTHOR : Kozlovskiy, B. A.; Zhokhov, P. I.
 TITLE : Forests of the Mongolian People's Republic
 SIG. PUB. : Lesn. kh-vo, 1958, No. 1, 87-89
 ABSTRACT : No abstract

ord: 1/1

1. ZHOKHOV, P.I.
2. USSR (600)
4. Afforestation - Main Turkmen Canal Region
7. Establishing shelterbelts in the zone of the Main Turkmen Canal, Priroda 42 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Unclassified.

ZHOKHOV, Pavel Ivanovich; GRECHKIN, Vladimir Pavlovich; KOLOMYETS,
Nikolay Grigor'yevich; VYSOTSKAYA, Aleksandra Vladimirovna;
LONSHCHAKOV, Sergey Stepanovich; VORONTSOV, A.I., red.;
FUKS, Ye.A., red, izd-va; PARAKHINA, N.P., tekhn. red.

[Tent caterpillar, *Dendrolimus sibericus*, and measures for
its control] Sibirskii shelkopriiad i mery bor'by s nim. Pod
obshchei red. N.G.Kolomiitsa i P.I.Zhokhova. Moskva, Gos-
lesbumizdat, 1961. 139 p. (MIRA 15:4)

(Tent caterpillars)

USSR/Geophysics - Afforestation

Apr 53

2. HOKHOV, P. I.

"Protective Forest Planting in the Zone of the Main Turkmen Canal," P. I. Zhokhov,

Agro-Forest Projects

2 "Priroda", No 4, pp 90-94

Discusses application of afforestation to soil conservation. States that ^{forest}~~subject~~ planting and control of the sand is still difficult in the absence of sufficient experience in forest cultivating works in-subject zone, ^{states} and that the properties and movement of the Karakum sands are not very well known.

2.61.789

GRECHKIN, V., inzh.; ZHOKHOV, P., inzh.

Larch spinner, a dangerous pest of conifer forests. Nauka i pered.
op. v sel'khoz. 9 no. 7:45-47 J1 '59. (MIRA 12:11)
(Coniferae--Diseases and pests)

VYAZOVSKIY, I. (Kiyev); ZHOKHOV, V. (Baku); DEMCHENKO, N. (Rovno)

Proposals of efficiency promoters. Pozh. delo 8 no.10:28
0 '62. (MIRA 15:10)

(Fire prevention)

BANTYSHEV, Ya. (Luganskaya obl.); ZHOKHOV, V. (Baku); KURYNDIN, G.
(Dnepropetrovsk); ORLOVSKAYA, G. (Dnepropetrovsk)

Proposals of efficiency promoters. Pozh. delo 9 no.6:30
Je '63. (MIRA 16:8)

ZHOKHOV, V. (Baku)

Cleaning pipes with steam. Pozh.delo 5 no.7:18 Jy '59.
(MIRA 12:9)

(Baku--Petroleum industry--Safety measures)

~~ZHOKHOV, V.~~

Fire department of champions. Pozh. dele 5 no.3:li Mr '59.
(MIRA 12:5)
(Baku--Firemen)

ALEKSEYTSEV, I.; ZHOKHOV, V.; KASHUBA, A.; KARAVAYEV, G.; GORBAN', L.

Information received from our readers. Pozh.delo 8 no.1:29 Ja
'62. (MIRA 15:1)

(Fire prevention)

ZHOKHOV, V. (Baku)

Self-ignition of iron sulfide. Pozh.delo 6 no.12:29 D '60.

(MIRA 13:12)

(Iron sulfide)

(Petroleum industry--Fires and fire prevention)

ZHOKHOV, V. (Baku)

How to prevent fires in return bend chambers. Pozh.delo 5
no.11:9 N '59. (MIRA 13:4)
(Fires and fire prevention--Petroleum refineries)

ZHOKHOV, V. (Baku)

Competition among volunteer fire-fighting crews. Pozh.delo 6:26
Mr '60. (MIRA 13:6)

(Baku--Firemen--Competitions)

(Petroleum industry--Fires and fire prevention)

ZHOKHOV, V. (Baku)

Fire prevention topics in the courses for improvement of qualifications.
Pozh.delo 3 no.5:10 My '57. (MLRA 10:7)
(Fire prevention--Study and teaching)

ZHOKHOV, V. (Baku)

A firemen family. Posh.delo 3 No.6:23 Je '57.
(Firemen)

(MIRA 10:7)

ZHOKHOV, V.

KURBATSKIY, O., kandidat tekhnicheskikh nauk; ZHOKHOV, V.

Waterproofing of water tanks. Pozh. delo 3 no.7:10 J1 '57.
(Fire extinction-- Water supply) (MLRA 10:8)

ZHOKHOV, V.P.

Course of suppurative corneal ulcers in rabbits with radiation sickness. Oft.shur. 14 no.6:343-347 '59. (MIRA 13:4)

1. Iz kafedry oftal'mologii (nach. - prof. B.L. Polyak) Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(CORNEA--ULCERS) (RADIATION SICKNESS)

ZHOKHOV, V.V.

Remover connected with a screwdriver. Mashinostroitel' no.6:29
Je '64. (MIRA 17:8)

L 10247-63

EWP(q)/EWT(m)/BDS--AFFTC/

ISD--RDW/JD

ACCESSION NR: AP3001003

5/0109/63/008 006.0040 1044

AUTHOR: Efendiyev, A. Z.; Zhokhov, V. Z.

57

TITLE: Impulse breakdown of selenium rectifiers

SOURCE: Radiotekhnika i elektronika, v. 7, no. 1, 1962, p. 1-4.

TOPIC TAGS: selenium rectifier

ABSTRACT: An experimental investigation of the reverse current when voltage im-
pulses with about 10 amp -A sec. front were applied to anode-cathode selenium
rectifiers. The results show that the reverse current is proportional to the

Card 1/2

L 09361-67 EWT(m)/EWP(t)/ETI IJP(c) JL
ACC NR: AR6023418 SOURCE CODE: UR/0139/66/000/003/0093/0097

AUTHOR: Efendiyev, A. Z.; Zhokhov, V. Z.

ORG: Dagestan State University im. V. I. Lenin (Dagestanskiy gosuniversitet)

TITLE: Pre-breakdown state of selenium rectifiers

SOURCE: IVUZ. Fizika, no. 3, 1966, 93-97

TOPIC TAGS: selenium rectifier, dielectric breakdown, electric measurement, temperature dependence, pn junctions

ABSTRACT: The authors report results of an experimental investigation of the pre-breakdown and breakdown state of commercially produced selenium rectifiers in the temperature interval from 100 to -196C, following application of a single voltage pulse with steep front in the inverse direction (pulse front duration 10^{-8} sec). The time necessary for the formation of the breakdown as a function of the temperature was measured by a procedure described by the authors earlier (Radiotekhnika i elektronika v. 8, 1040, 1963). A pulse technique was used to prevent overheating of the sample. Measurements were made of the temperature dependence of the breakdown formation time, of the voltage dips or of the current pulses, and of the effect of a strong field in the p-n junction in a selenium rectifier. The dependence of the time of breakdown formation on the overvoltage and on the temperature was determined in np junctions of the selenium rectifier, the occurrence of current pulses both before and during the breakdown was monitored, and it was established that the breakdown in the

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064910002-7"

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I 09361-67

ACC NR: AF6023418

np junctions is the result of simultaneous action of the Zener effect and impact ionization effect. The authors thank Professor Kh. I. Amerikhanov for continuous interest in the work. Orig. art. has: 3 figures and 2 tables.

SUB CODE: 20/ SUBM DATE: 19Oct64/ ORIG REF: 013/ OTH REF: 004

Card

2/2 *gd*

DUDENKO, S.P. & ZHOKHOVA, O.I.

A book calling for a cut in yarn breakage in spinning ("Cutting breakage on spinning machines" by N.D. Lebedev. Reviewed by S.P. Dudenkov, O.I. Zhokhova). Tekst. prom. 19 no.5:92-93 My '59.
(MIRA 12:10)

1. Zamestitel' zaveduyushchego pryadil'nykh proizvodstvom fabriki im. Dzerzhinskogo (for Dudenkov). 2. Zamestitel' nachal'nika RMO pryadil'nogo proizvodstva fabriki im. Dzerzhinskogo (for Zhokhova).
(Spinning machinery) (Lebedev, N.D.)

DAKHNOV, V.N., doktor geol.-miner. nauk; KHOLIN, A.I., kand. geol.-
miner.nauk; PESTRIKOV, A.S.; GALUZO, Yu.V.; AFRIKIAN, AN.;
YUDKEVICH, R.V.; POPOV, V.K.; POZIN, L.Z.; LARIONOV, V.V.;
VENDEL'SHTEYN, B.Yu.; GORBUNOVA, V.I.; DZYURAK, M.D.; YEVDOKIMOVA,
V.A.; ZHOKHOVA, R.G.; LATYSHEVA, M.G.; MAREN'KO, N.N.; MANGHEVA,
N.V.; MOROZOVICH, Ya.R.; OREKHOVSKAYA, Ye.P.; POKLONOV, M.S.;
ROMANOVA, T.F.; SEVOST'YANOV, M.M.; TANASEVICH, N.I.; FARMANOVA,
N.V.; FEDOROVICH, G.P.; SHCHERBININ, V.A.; ELLANSKIY, M.M.;
YANUSH, Ye.F.; YUNGANS, S.M., ved. red.; YAKOVIEVA, Z.I., tekhn.
red.

[Using methods of field geophysics in studying gas-bearing re-
servoirs]Primenenie metodov promyslovoi geofiziki pri isuchenii ga-
zonosnykh kollektorov. Moskva, Gostoptekhnizdat, 1962. 279 p.

(MIRA 16:2)

(Gas, Natural--Geology)
(Prospecting--Geophysical methods)

ZHOKHOVETS, N.

USSR/Chemistry - Alkyl Chlorides
Chemistry - Chlorine Substitution

Jan 1943

"Research in the Field of Chlorine Derivatives: II, Effect and Order of Substitution of Hydrogen Atoms by Chlorine in Chloroalkyls," D. Tishchenko, N. Zhokhovets, 8 $\frac{1}{2}$ pp

"Zhur Obshch Khim" Vol XVIII (LXXX), No 1

Studies of the effects of chlorine on 1 and 2 chlorine pentane. Observed that amount of dichlorides obtained agreed completely with theoretical calculations. Theory of alternating polarity does not apply to subject studies. Chemical inertness of boundary polyfluorides and poly-chloro-fluorides is partial vicinal effect.

Submitted 3 Jan 1947

PA 64T31

COMMON ELEMENTS		PROCESSING AND PROPERTY INDEX	
B		27	
<p>Investigations on Chlorine Derivatives. II. Inductive Effect and Order of Substitution of Chlorine Atoms for Hydrogen in Alkyl Chlorides. (In Russian.) D. Tishchenko and N. Zhukhovatskiy. <i>Zhurnal Obshchei Khimii</i> (Journal of General Chemistry), v. 18(80), Jan. 1948, p. 43-51. 15 references.</p>			
ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION			
GROUPS		SUBGROUPS	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
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41	42	43	44
45	46	47	48
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53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

ZHOKHOVITSKIY, S.Yu.

Regularities of structure formation in clay suspensions.
Koll. zhur. 26 no.4:447-453 J1-Ag '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo
gaza, Moskva.

S/081/61/000/023/047/061
B138/B101

AUTHORS: Sulimov, A. D., ~~Zhokhovskaya, T. V.~~, Olevskiy, V. M.

TITLE: Production of p-xylene from petroleum crude

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 449, abstract 23M78 (Tr. Vses. soveshchaniya po khim. pererabotke nefi. uglevodorodov v poluprodukty dlya sinteza volokon i plast. mass, Baku, AN AzerbSSR, 1960, 87 - 96)

TEXT: The article presents the results of laboratory and production trials of a method of obtaining p-xylene (I) from the 115 - 140°C fraction of Romashki petroleum, using the following scheme: aromatization of the fraction over an alumino-molybdenum catalyst, precise rectification of the aromatized product (29% aromatic hydrocarbons), azeotropic distillation of the 120 - 145°C fraction with CH₃OH with precise rectification (aromatic hydrocarbons ~75%), to produce a 100% mixture of C₈ aromatic hydrocarbons; repeated combined process of low-temperature crystallization of I from the mixture and isomerization of the rest with transformation of the m- and

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L 28914-66 FWT(1)

ACC NR: AR6000074

SOURCE CODE: UR/0215/65/000/009/B020/B020

AUTHOR: Efendiyev, A. Z.; Zhokhov, V. Z.; Mamadov, M. G.; Dzhamalova, A. S.

TITLE: Investigation of pulse breakdown in semiconductor rectifiers

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 9B153

REF SOURCE: Sb. Probay dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 315-318

TOPIC TAGS: selenium rectifier, semiconductor rectifier, dielectric breakdown, germanium semiconductor

ABSTRACT: The results of experimental investigations of pulse breakdowns of cuprous oxide, selenium, and point-contact germanium rectifiers are discussed in detail. It is shown that the time required for breakdown of cuprous oxide rectifiers is 0.4 to 12 μ sec at a field strength of $(1.46 \text{ to } 2.56) \cdot 10^6 \text{ v/cm}$; for the selenium rectifiers, 4 to 42 μ sec at $(6 \text{ to } 11.5) \cdot 10^5 \text{ v/cm}$; and for germanium rectifiers, $\sim 1 \mu$ sec. The resistance of the rectifier slows down the breakdown process. After the breakdown, all the volt-ampere characteristics have drop regions. The relationship between the time required for development of breakdown and the field strength is similar to that between the time required for development of gas avalanches and the field strength. The time required for rectifier breakdown is of the same order as

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